

I hereby certify that this correspondence is being deposited with the U.S. Postal Service as Express Mail, Airbill No. EV 355 385 391 US, in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below.

Dated: July 8, 2003

Signature: (Sean D. Detweiler)

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# 12  
Docket No. HHI-039US  
(PATENT)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of:  
Christian Boehnke

Application No.: 10/070565

Group Art Unit: 1725

Filed: July 10, 2002

Examiner: Lin, Kuang Y

For: DEVICE FOR PRODUCING CASTINGS IN  
WHICH THE WALL OF THE DEVICE  
MOVES INTO THE MOLD

**SUBMISSION OF FORMAL DRAWINGS**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450


Dear Sir:

Submitted herewith is one set (six sheets, six figures) of formal drawings for filing in the above-identified patent application.

Applicant believes no fee is due with this submittal. However, if a fee is due, please charge our Deposit Account No. 12-0080, under Order No. HHI-039US from which the undersigned is authorized to draw.

Dated: July 8, 2003

Respectfully submitted,

By   
Sean D. Detweiler  
Registration No.: 42,482  
LAHIVE & COCKFIELD, LLP  
28 State Street  
Boston, Massachusetts 02109  
(617) 227-7400  
(617) 742-4214 (Fax)  
Attorney/Agent For Applicant

1728

<b>AMENDMENT TRANSMITTAL LETTER</b>			Docket No. HHI-039US	
Application No. 10/070565		Filing Date July 10, 2002	Examiner Lin, Kuang Y	Art Unit 1725
Applicant(s): Christian Boehnke				
Invention: DEVICE FOR PRODUCING CASTINGS IN WHICH THE WALL OF THE DEVICE MOVES INTO THE MOLD				

**TO THE COMMISSIONER FOR PATENTS**

Transmitted herewith is an amendment in the above-identified application.  
The fee has been calculated and is transmitted as shown below.

CLAIMS AS AMENDED					
	Claims Remaining After Amendment	Highest Number Previously Paid	Number Extra Claims Present	Rate	
Total Claims	2	- 20 =		x	0.00
Independent Claims	1	- 3 =		x	
Multiple Dependent Claims (check if applicable) <input type="checkbox"/>					
Other fee (please specify): Extension for response within first month					110.00
<b>TOTAL ADDITIONAL FEE FOR THIS AMENDMENT:</b>					<b>110.00</b>

☒ Large Entity
 ☐ Small Entity

☐ No additional fee is required for this amendment.

☒ Please charge Deposit Account No. 12-0080 in the amount of \$ 110.00.  
 A duplicate copy of this sheet is enclosed.

☐ A check in the amount of \$ \_\_\_\_\_ to cover the filing fee is enclosed.

☐ Payment by credit card. Form PTO-2038 is attached.

☒ The Director is hereby authorized to charge and credit Deposit Account No. 12-0080  
 as described below. A duplicate copy of this sheet is enclosed.

☒ Credit any overpayment.

☒ Charge any additional filing or application processing fees required under 37 CFR 1.16 and 1.17.

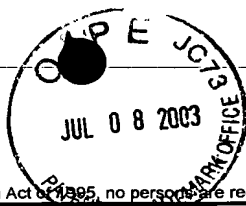
Sean D. Detweiler  
 Attorney Reg. No.: 42,482

LAHIVE & COCKFIELD, LLP  
 28 State Street  
 Boston, Massachusetts 02109  
 (617) 227-7400

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Dated: July 8, 2003      Signature: Sean D. Detweiler (Sean D. Detweiler)



PTO/SB/17 (05-03)

Approved for use through 04/30/2003. OMB 0651-0032  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no person shall be required to respond to a collection of information unless it displays a valid OMB control number.

**FEE TRANSMITTAL  
for FY 2003**

Effective 01/01/2003, Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27**TOTAL AMOUNT OF PAYMENT** (\$) **110.00****Complete if Known**

Application Number	10/070565
Filing Date	July 10, 2002
First Named Inventor	Christian Boehnke
Examiner Name	K. Lin
Art Unit	1725
Attorney Docket No.	HHI-039US

**METHOD OF PAYMENT** (check all that apply)☐ Check ☐ Credit Card ☐ Money Order ☐ Other ☐ None☒ Deposit AccountDeposit  
Account  
Number

12-0080

Deposit  
Account  
Name

Lahive &amp; Cockfield, LLP

The Director is hereby authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☒ Credit any overpayments☒ Charge any additional fee(s) during the pendency of this application☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.**FEE CALCULATION** (continued)**3. ADDITIONAL FEES**

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1051	130	2051	65	Surcharge - late filing fee or oath	
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet.	
1053	130	1053	130	Non-English specification	
1812	2,520	1812	2,520	For filing a request for <i>ex parte</i> reexamination	
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
1251	110	2251	55	Extension for reply within first month	110.00
1252	410	2252	205	Extension for reply within second month	
1253	930	2253	465	Extension for reply within third month	
1254	1,450	2254	725	Extension for reply within fourth month	
1255	1,970	2255	985	Extension for reply within fifth month	
1401	320	2401	160	Notice of Appeal	
1402	320	2402	160	Filing a brief in support of an appeal	
1403	280	2403	140	Request for oral hearing	
1451	1,510	1451	1,510	Petition to institute a public use proceeding	
1452	110	2452	55	Petition to revive - unavoidable	
1453	1,300	2453	650	Petition to revive - unintentional	
1501	1,300	2501	650	Utility issue fee (or reissue)	
1502	470	2502	235	Design issue fee	
1503	630	2503	315	Plant issue fee	
1460	130	1460	130	Petitions to the Commissioner	
1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	
1806	180	1806	180	Submission of Information Disclosure Stmt	
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
1809	750	2809	375	Filing a submission after final rejection (37 CFR 1.129(a))	
1810	750	2810	375	For each additional invention to be examined (37CFR 1.129(b))	
1801	750	2801	375	Request for Continued Examination (RCE)	
1802	900	1802	900	Request for expedited examination of a design application	

Other fee (specify)

\*Reduced by Basic Filing Fee Paid

**SUBTOTAL (3)** (\$) **110.00****FEE CALCULATION****1. BASIC FILING FEE**

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1001	750	2001	375	Utility filing fee	
1002	330	2002	165	Design filing fee	
1003	520	2003	260	Plant filing fee	
1004	750	2004	375	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	

**SUBTOTAL (1)** (\$) **0.00****2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE**

Total Claims		Extra Claims		Fee from below		Fee Paid
Code	Fee (\$)	Code	Fee (\$)	Code	Fee (\$)	
2	-20** =					0.00
1	-3** =					0.00

Multiple Dependent

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1202	18	2202	9	Claims in excess of 20	
1201	84	2201	42	Independent claims in excess of 3	
1203	280	2203	140	Multiple dependent claim, if not paid	
1204	84	2204	42	** Reissue independent claims over original patent	
1205	18	2205	9	** Reissue claims in excess of 20 and over original patent	

**SUBTOTAL (2)** (\$) **0.00**

\*\*or number previously paid, if greater, For Reissues, see above

**SUBMITTED BY**Name (Print/Type) **Sean D. Detweiler**Registration No.  
(Attorney/Agent)

42,482

**Complete (if applicable)**Telephone **(617) 227-7400**

Signature

Date

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